




F-068

Analog low-pass filter with double sampling

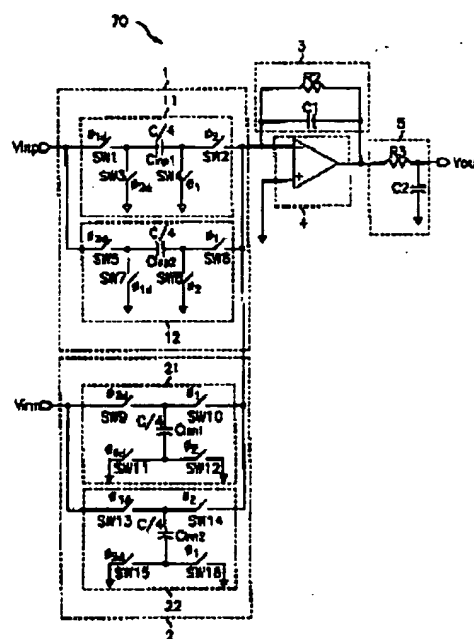
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Abstract of FR2765417

The filter (70) includes two terminals (1,2) which receive differential analog signals (V_{inp} , V_{inn}) which charge / discharge four capacitors (C_{inn1} , C_{inn2} , C_{inp1} , C_{inp2}). A differential amplifier (4) is connected to the common terminal of the capacitors. A filtering module (5) is connected between the amplifier asynchronous output and the filter output terminal. Switches (SW1-SW8) control the charge / discharge sequence of the capacitors. These switches are controlled by a clock signal.



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